

JANIK, Jerzy A.; JANIK, Janina; KRASNICKI, Szczesny; MANIAWSKI, Franciszek;
MURASIK, Andrzej; RZANY, Henryk; SZKATULA, Antoni; SCIESIMSKI, Jan;
WANIO, Adam

On the scattering of slow neutrons in molecules containing hydrogen.
Nukleonika 5 no.7-8:495-500 '60.

1. Polnische Akademie der Wissenschaften, Institut der Kernforschung,
Warszawa, Neutronenlaboratorium des Krakauer Zentrums für Kernphysik.

KRASNICKI, Sz.; DIMITRIJEVIC, Z.; MAGLIC, R.; MARKOVIC, V.; TODOROVIC, J.;
WANIC, A.

Temperature dependence of spin fluctuation scattering of neutrons
on pyrrhotite. Inst fiz jadr report no.280:1-24 '63.

1. Instytut Fizyki Jadrowej, Krakow (for Krasnicki and Wanic).
2. Institute for Nuclear Sciences, Vinca, Yugoslavia (for
Dimitrijevic, Maglic, Markovic, Todorovic).

WANIC, Adam

Magnon scattering of slow neutrons on a pyrrhotite single crystal. Inst fiz jadr report no.279:1-30 '63.

1. Instytut Fizyki Jadrowej, Krakow and Institute of Nuclear Sciences Boris Kidric, Vinca, Yugoslavia.

AUTHOR: Wanic, Adam (Vanita, A.)

TIME: Remarks on the investigation of neutron magnon scattering

SOURCE: Nukleonika, v. 9, no. 11-12, 1964, 839-846

TOPIC TAGS: neutron scattering,¹⁹ neutron, particle scatter

Abstract: The article describes the construction of an ideal scattering surface by the mathematical solution of conservation equations and the algebraic approximation of the dispersion relation. The results are compared with experimental data and a magnon lattice

ing pattern is obtained under real conditions by using a monochromator and an analyzer. The movements of the monochromator spot, the analyzer spot and the tau-vector should be correctly combined. Also the effect of a constant energy gap should be considered. Results are compared with experimental data.

FORMER: 100

Card 1/2

L 45048-65

ACCESSION NR: AP5014454

ASSOCIATION: Institute of Physics, Moscow (Institute of Nuclear Physics)

NO REF COW: 000

OTHER: 008

JPRS

Card 2/2

L 43595-65 EWA(h)/EWT(1)/EWT(m) TOP(a)

1965-01-01/1965-01-04

TITLE: Investigations of magnon spectra using neutrons -19

SOURCE: Postepy fizyki, v. 16, no. 1, 1965, 85-104

TOPIC TAGS: magnon spectrum, spin wave, neutron diffraction, crystal magnetic
properties, neutron scattering, neutron spectrometer

of a three-axis neutron spectrometer is described as well as the method of using
to determine the dispersion of the magnon scattering of neutrons. 1/2
Card 1/2

L 43595-65

ACCESSION NR: AP5008675

pointed out that the effectiveness of the diffraction technique is related to the character of the scattering surface; in this connection, a method of constructing the scattering surface using grids of magnon and neutron isolines is given. The

Figures, 10 formulas and 1 table.

ASSOCIATION: Instytut Fizyki Jadrowej, Krakow (Institute of Nuclear Physics)

NO REF SOV: 005

OTHER: 034

Card 2/2

L 45422-66

ACC NR: AP6026377 (A) SOURCE CODE: GE/0030/66/015/001/0119/0122

AUTHOR: Dimitrijevic, A.; Krasnicki, S.; Rzany, H.; Todorovic, J.;
Wanic, A.

ORG: [Dimitrijevic; Todorovic] Institute of Nuclear Sciences "Boris Kidric",
Vinca; [Krasnicki; Wanic] Institute of Nuclear Physics, Cracow

TITLE: Neutron investigation of temperature effect in the magnon spectrum of
magnetite

SOURCE: Physica status solidi, v. 15, no. 1, 1966, 119-122

TOPIC TAGS: neutron beam, temperature characteristic, magnetite, magnon
specturm

ABSTRACT: The diffuse magnon scattering peaks connected with λ in
magnetite were examined at a number of temperatures using neutrons with
 1.314 \AA . The decrease in magnon energies at elevated temperatures was
observed and compared with the theory of Mills et al. (R. E. Mills, R. P. Kenan,
and F. J. Milford, Phys. Letters (Netherlands) 12, 173 (1964). A pronounced
temperature-dependent asymmetry of the magnon low-energy peak was found. The

Card 1/2

L 45422-66

ACC NR: AP6026377

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work was done in Vinca using the RA reactor and the Cracow Neutron Spectrometer. The authors thank Dr. T. Riste for supplying the magnetite single crystal. They thank Dr. R. E. Mills for a detailed copy of the formulas obtained by him and his coworkers, and thank Mr. S. Radenkovic for the construction of the sample heater. Orig. art. has: 5 figures. [Based on authors' abstract] [KS]

SUB CODE: 20/ SUBM DATE: 02Feb66/ OTH REF: 009/

hs

Card 2/2

WANIC, Tadeusz; OLES, Andrzej; KAMINSKA, Irena

Results of infectious hepatitis prevention with the aid of gamma globulin in some counties in the Rzeszow Region in 1960. Przegl. epidem. 16 no.2:109-111 '62.

1. Z Działu Epidemiologii Woj. Stacji San-Epid. w Rzeszowie Dyrektor Stacji: lek. med. Z. Mazurek.
(HEPATITIS INFECTIOUS immunol) (GAMA GLOBULIN ther)

WANIC, Wlodosimierz

Effect of prolonged sleep on urinary excretion of neutral keto-steroids. Poznan.tow.prz.jaciol nauk, wydz.lek. 17 no.5:5-25 '59.

(SLEEP eff.)

(17-KETOSTEROIDS urine)

WANIG, Włodzisław

Effect of post-insulin hypoglycemia on the level of 11-hydro-
corticosteroids in peripheral blood. Polskie arch.med.wewn.
30 no.6:841-842 '60.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu Kierownik
Kliniki: prof. dr med. J.Roguski.
(ADRENAL CORTEX HORMONES blood)
(HYPERINSULINISM blood)

GEMBICKI, Maciej; WANIC, Włodzimierz

Effect of therapeutic doses of radiiodine on 11-oxysteroids in the peripheral blood in patients with hyperthyroidism. Polski tygod.lek. 15 no.43/44:1693-1695 24 0 '60.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu; kierownik: prof.dr med. Jan Roguski.

(HYPERTHYROIDISM radiother)

(ADRENAL CORTEX HORMONES blood)

WANIC, Włodzimierz

Effect of injections of desoxycorticosterone acetate on 11-oxysteroid level in the peripheral blood. Polski tygod.lek. 15 no.43/44:1698-1699 24 0 '60.

1. Z II Kliniki Chorób Wewnętrznych A.M. w Poznaniu; kierownik: prof. dr J. Roguski.

(ADRENAL CORTEX HORMONES blood)

(DESOXYCORTICOSTERONE pharmacol)

STEFANOWSKI, Stanisław; WANIC, Włodzimierz; POSTEK, Natalia

Effect of glucose overloading on the level of 11-hydroxysteroids
in the peripheral blood. Endokr. Pol. 16 no.3:295-299 My-Je'65.

1. Przychodnia Medycyny Pracy w Poznaniu (Dyrektor: Dr. H. Tyborski).

SZYMONSKI, Karol; SMIGLA, Krystyna; KICZKA, Witold; SPETT, Janina;
WANICKA, Anna

Effect of vitamin B12 on diphtherial toxemia in guinea pigs. Polski
tygod. lek. 16 no.12:426-430 20 Mr '61.

1. Z Kliniki Chorob Zakaznych Sl. A.M. w Bytomiu; kierownik: doc. dr
med. Karol Szymonski, z Zakladu Mikrobiologii Sl. A.M. w Rokitnicy;
kierownik: doc. dr mgr Jerzy Szaflarski, z Zakladu Anatomii Patolo-
gicznej Sl. A.M. w Zabrze; kierownik: prof. dr med. Witold Niepolonski.

(VITAMIN B12 pharmacol) (DIPHTHERIA exper)

Microbiology

POLAND

WANICKA, A. and SZUREMAN, J., of the Chair and Research Office of Microbiology, Slask School of Medicine (Katedra i Zaklad Mikrobiologii Slaskiej AM), Zabrze-Rokitnica. Prof. Dr. J. Szaflarski, Head.

"Interference of Attenuated NDV and Poliomyelitis Virus in Monolayer HeLa Cell Cultures"

Warsaw, Medycyna Doswiadczalna i Mikrobiologia, Vol 23, No 3, 1966, pp 263-270.

Abstract (Authors' English summary): Interference of poliovirus type 2 and NDV strain Reakin was observed in HeLa cell cultures. The interfering factor, in the form of hemagglutinating NDV particles, was purified on a Sephadex G-200 column. Interferon was shown not to be involved in the interference phenomenon in the system studied. The possibility of interference of living attenuated viruses upon mass vaccination of human and animal populations is discussed. Contains 3 Figures, 1 Table and 15 references (3 Polish, 9 eastern and 3 German-language).

1/1

Waniek, L.

Effect of pressure on sensitivity of photographic emulsions. P. 17
CESKOSLOVENSKY CASOPIS PRO FYSIKU. (Ceskoslovenska akademie ved.
Ustav technické fyziky) Praha.
Vol. 6, no. 1, Jan. 1956

Source: EEAL - LC Vol. 5. No. 10 Oct. 1956

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961430013-3

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961430013-3"

Waniek Ludvik

CZECHOSLOVAKIA/Atomic and Molecular Physics - High Pressure Physics D-6

Abs Jour : Ref Zhur - Fizika, No 3, 1958, No 5775

Author : Klima Karel, Waniek Ludvik

Inst : Not Given

Title : Measurement of High Short-Time Pressures with the Aid of
Photographic Emulsions

Orig Pub : Ceskosl. casop. fys., 1956, 6, No 3, 363-364

Abstract : See Abstract 5774

Card : 1/1

Wanick Ludvik

CZECHOSLOVAKIA/Atomic and Molecular Physics - High Pressure Physics D-6

Abs Jour : Ref Zhur - Fizika, No 3, 1958, No 5774

Author : Klima Karel, Wanick Ludvik
Inst : Geophysics Institute, Czechoslovak Academy of Sciences, Prague
Title : Measurement of High Short-Time Pressures with the Aid of Photographic Emulsion

Orig Pub : Chekhosl. fiz. zh., 1957, 7, No 3, 367-369

Abstract : To measure pressures during exposures, the plastic deformation of AgBr in photographic emulsion has been used (Referat Zhur Fizika, 1957, No 8, 21571). The film is inserted under a steel cylinder 10 mm in diameter and 50 mm high, the pressure is transmitted with the aid of a steel piston, on which a charge of explosive is placed on the lead liner. During the explosion the film becomes desensitized and the desensitization depends on the pressure. The film is then illuminated, developed, and measured with a microphotometer and an integral objective photometer. The film was calibrated at a static pressure up to 5,000 kg/cm², and the resultant curve was extrapolated to higher pressures. The dependence of the

Card : 1/2

CZECHOSLOVAKIA/Atomic and Molecular Physics - High Pressure Physics D-6

Abs Jour : Ref Zhur - Fizika, No 3, 1958, No 5774

pressure on the quantity of explosive is shown for three explosives (pentrite, hexogene, and TNT) and the results obtained by this method and by the Kast method are compared.

Card : 2/2

END

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